

The Honorable Julius Genachowski
Chairman
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Re: LightSquared Subsidiary LLC Request for Modification of Its Authority for an
Ancillary Terrestrial Component, File No. SAT-MOD-20101118-00239

Dear Mr. Chairman:

I am a merchant seaman sailing on my 9th issue Masters License. I have spent over 50 years sailing vessels world wide. My occupation has been made much safer and more efficient due to the development of the GPS system.

When I began my career I had to depend mostly on fairly inaccurate and unreliable navigation aids. Deduced Reckoning, celestial, radio beacons, radar and guessing were the main tools available to the navigator.

As time went along various forms of electronic aids were developed and some were very accurate, but all had limitations and inherent errors. It wasn't until the 1970's that Satellite Navigation came into being. The initial system was extremely unreliable, mainly due to the lack of a network of satellites. A navigator had to already know his position to be able to utilize the information from the satellite. As time passed and the number of satellites increased the system became more reliable and accurate and was available in real time 24/7/365.

We began to go places that we could not navigate previously for fear of hazards and saving great amounts of time and fuel. It became safer for crews because groundings and collisions became rarer due to the fact that new systems such as AIS became available based on GPS to allow vessels to know and plot other vessels positions accurately. GPS is now a world wide standard of navigation that has been accepted and utilized by everyone who goes anywhere on the water.

It is with great concern that I write to request that the most thorough investigation of the interference from Light Squared Mobile Satellite Service and existing GPS. I strongly request that Light Squared Mobile Satellite Service be not granted use of a bandwidth that will interfere with existing GPS due to the danger it will impose on the shipping industry, oil and gas production, fishing, recreation and coastal security. To lose such a useful and necessary navigation system to a cell phone company is just plain wrong.

Thank you for your attention to this matter,
Very truly yours,



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